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# LibQuest: A Web App for Exploring the IC Library

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# LibQuest [A Web App for Exploring the IC Library]

## LibQuest explained

### Problem

Since most of the library's materials are available online, students feel they don't need to come to the library building. However, we still want students to know how to get help from our staff and find physical items. Instructors try to address these issues with library tours, which are boring, and library "scavenger hunt" assignments, which quickly become outdated as things change in the library.

### Solution

We built a web app that requires students to physically explore the building. We can keep it up to date it as needed. Anyone can use it at any time. We can collect data to continuously improve the app.

### Requirements

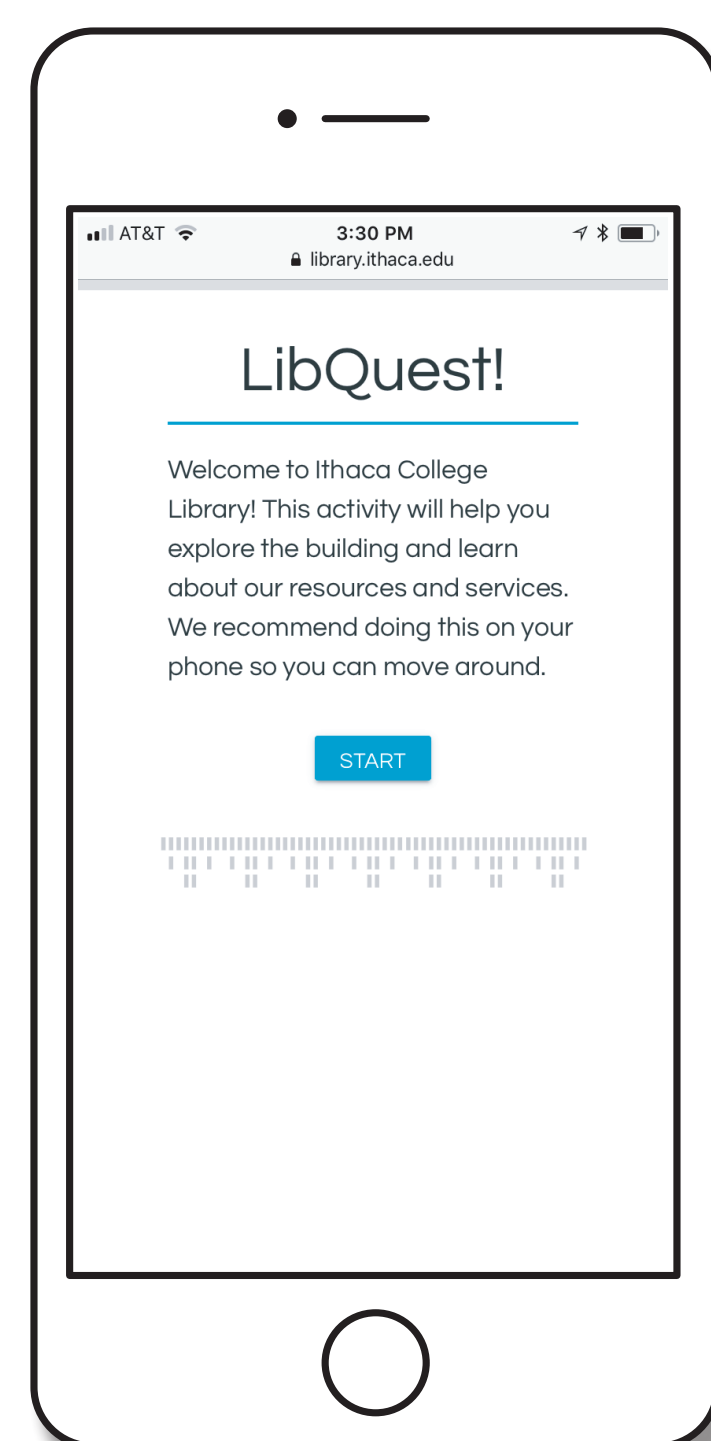
► The app should:

- Be phone-friendly – students will be moving around the building as they work.
- Allow students to notify their instructor when they've completed the activity.
- Record anonymous information in a database for our own analysis.
- Use content that is human-writable (JSON) for easy updating.

► The questions should...

- Be randomized so that not every student gets the same questions, but ensure that certain topics are covered in every version.
- Include text-input questions as well as multiple choice to increase difficulty.
- Not be easily answerable through a search of Google or the library website.
- Require visiting various parts of the library building and interacting with service points and materials.

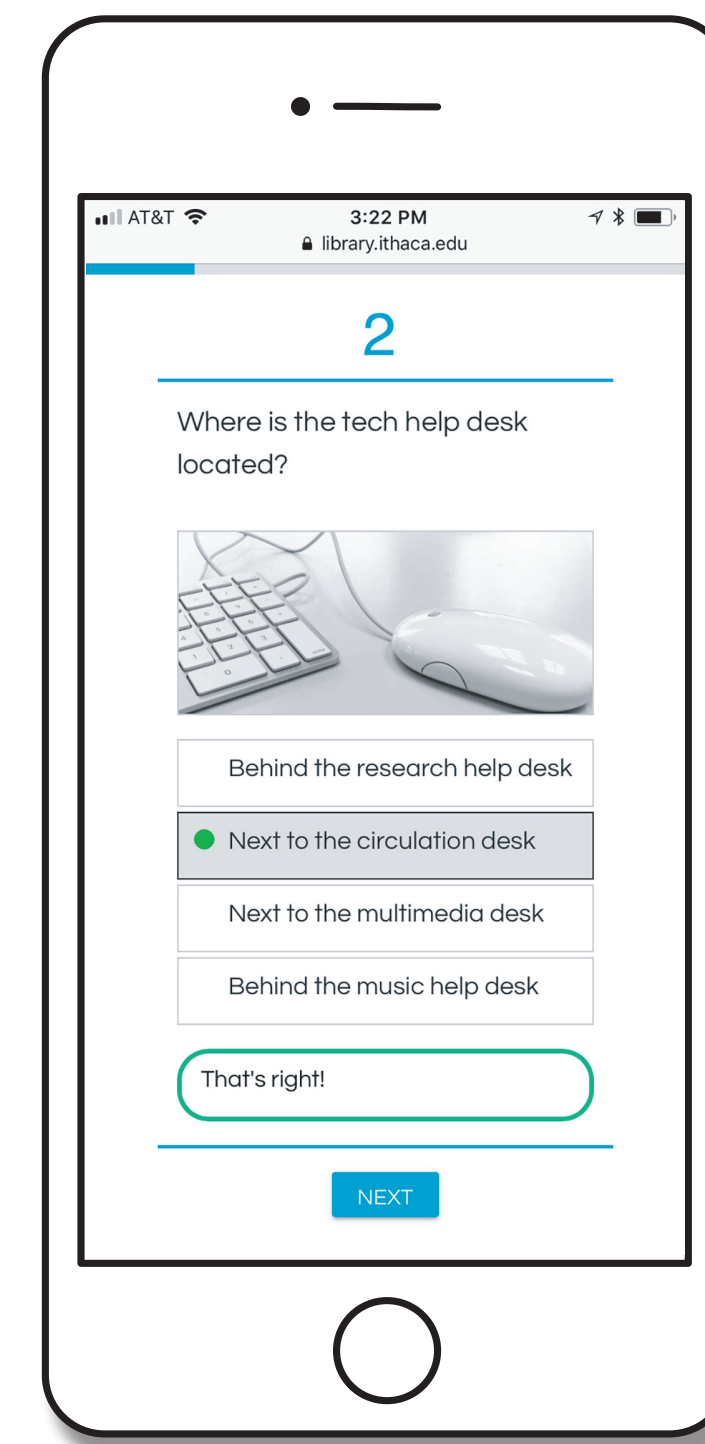
A



The intro screen encourages user to move around the building to complete the questions.

Questions are randomized so that not every run of the activity produces the same experience. This also discourages cheating.

B

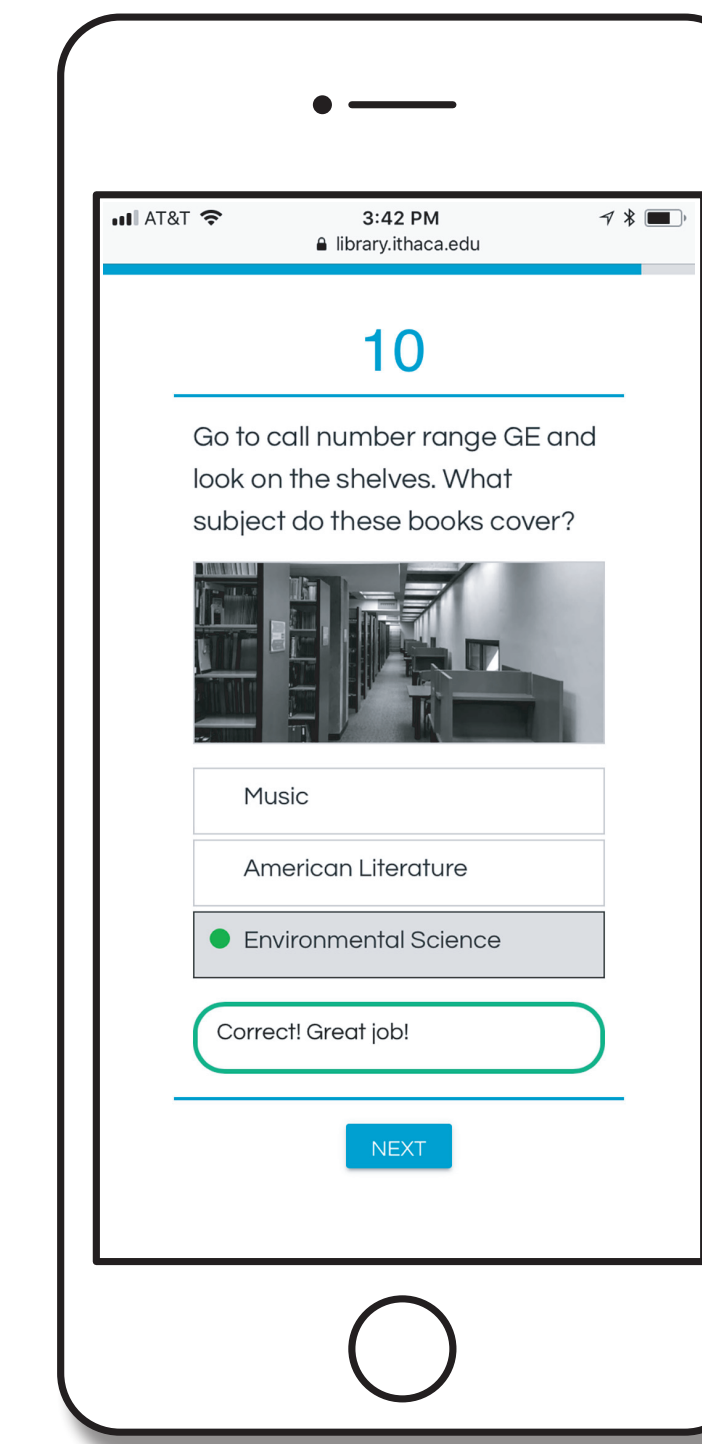


Progress bar at top advances as user correctly answer questions.

Multiple choice questions have large touch targets for easy use on phone.

Immediate feedback when the user selects an answer.

E

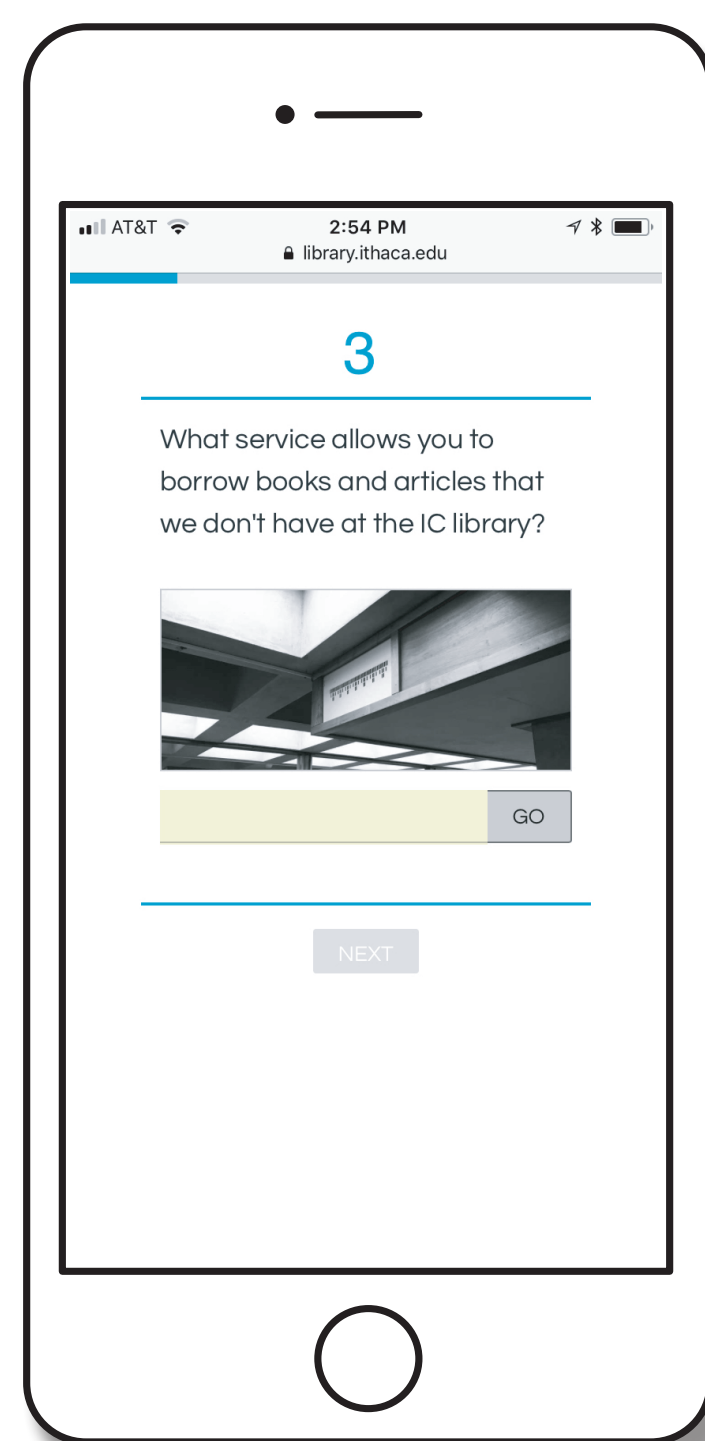


LibQuest gives users a taste of how Library of Congress call numbers work.

It requires exploration of the stacks in addition to service points.

Features images from the library building.

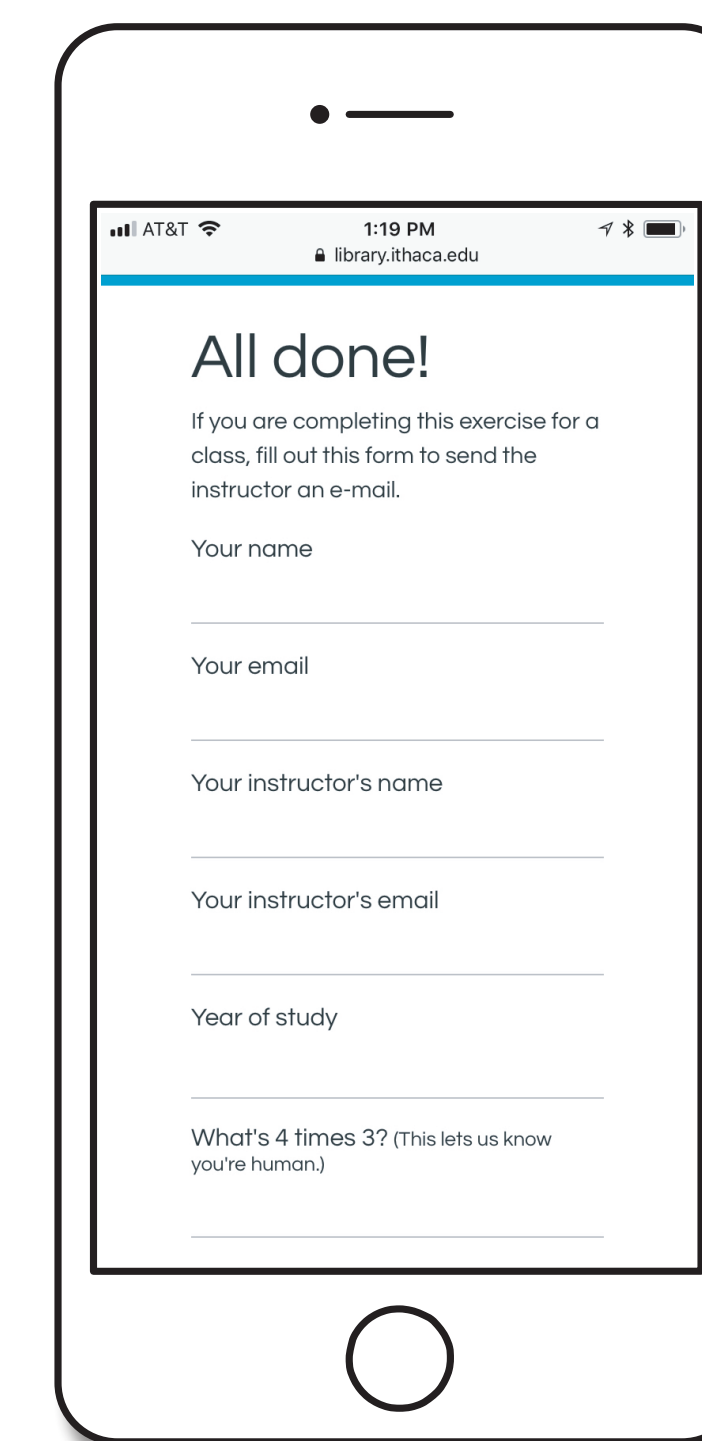
C



Questions should not be easy to Google.

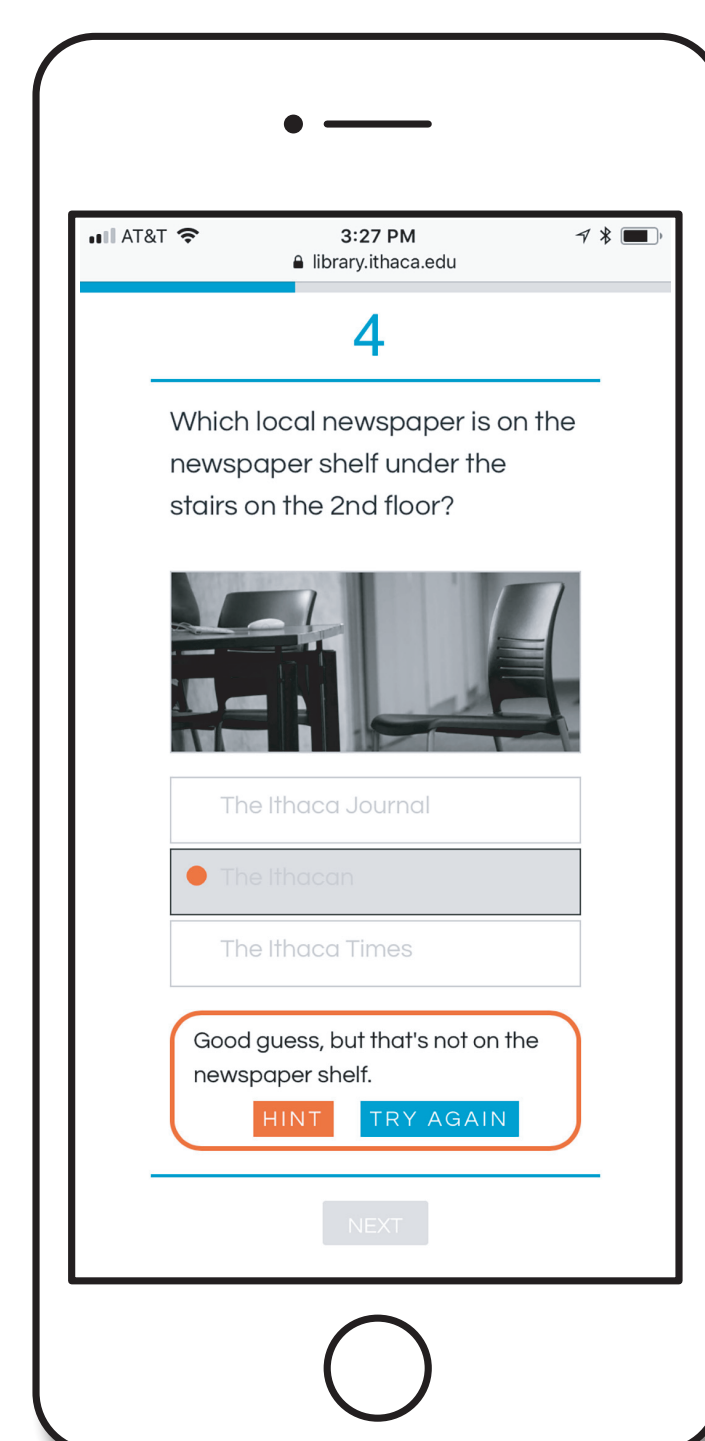
The occasional text-entry question makes it hard to guess your way through the activity.

F



On completing the activity, students can send an email to an instructor. The email indicates that the student has completed the activity, but assigns no grade.

D



An incorrect answer...

Disables the answer options until "try again" is tapped. This discourages rapid-fire guessing.

Gives the user the option to see a hint.

Keeps the "Next" button disabled so that the user cannot proceed.

## Learn more

Interested in learning more about LibQuest?

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Try LibQuest at:

[library.ithaca.edu/lq](http://library.ithaca.edu/lq)